

# TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104  
Phone No. (512) 322-2212 Fax No. (512) 463-6693

## PRODUCT EVALUATION

DR-681

Effective Date: May 1, 2014

Reevaluation Date: **March 2016**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

**500 Series Vinyl Sliding Patio Door, New Construction, Non-Impact Resistant**, manufactured by

**Wincore Window Company, LLC**  
**250 Staunton Avenue**  
**Parkersburg, WV 26104**  
**Telephone: (304) 485-7460**

### General Description:

System	Description	Label Rating	Design Pressure Rating
1	500 Series Vinyl Sliding Patio Door; (OX)	R-PG50 72 x 80	±50 psf
2	500 Series Vinyl Sliding Patio Door; (OX)	R-PG50 96 x 82	±50 psf
3	500 Series Vinyl Sliding Patio Door; (OXO)	R-PG50 108 x 82	±50 psf

### Product Dimensions:

System	Overall Door Size	Maximum Panel Size	Daylight Opening Dimension
1	71 1/2" x 79 1/2"	36 3/8" x 76 1/2"	31.63" x 71 3/4"
2	95 1/2" x 81 1/2"	48 1/2" x 78 3/8"	43 3/4" x 73 3/4"
3	105 1/2" x 81 1/2"	36 3/8" x 78 3/8"	31.63" x 73.63"

### Product Identification (Certification Agency Label on the Door):

System		
1, 2, 3	Certification Agency	NAMI
	Manufacturer's Name or Code Name	Wincore Window Company, LLC 1640-1
	Product Name	Series 500 Vinyl Sliding Glass Door
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

**Impact Resistance:**

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

**Installation:**

System			
1, 2, 3	Type of Installation	Door Frame	
	Wall Framing	Spruce-Pine-Fir or Concrete (min. 3,000 psi)	
	Fasteners	Wood: Minimum No. 10 Screws Concrete: $\frac{1}{4}$ " diameter PFH Elco or ITW concrete screw	
	Fastener Embedment	Wood: Minimum of $1\frac{1}{2}$ inches into the wood wall framing Concrete: Minimum of $1\frac{3}{4}$ inches into concrete	
	Fastener Location/Spacing	Head	The sliding glass doors shall be installed in accordance with Drawing No. TX-4346 titled "500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, Drawing No. TX-4347, titled "500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5 and Drawing No. TX-4348, titled "500 Series Vinyl Sliding Patio Door 'Non-Impact'," sheets 1 through 5 of 5, dated August 1, 2013, Drawings are signed, sealed, and dated August 1, 2013 by Lyndon F. Schmidt, P.E.
		Sill	
		Side Jamb	

**Note:** The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC), the International Building Code (IBC), and the Texas Revisions.